

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	39	"5015334".	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 14:40
L3	9784	softwood	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 16:05
L4	339751	sulfuric adj acid sulphuric adj acid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 16:03
L5	147092	poly adj acryl\$3 polyacryl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 16:04
L6	126889	fermentation bioreactor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 16:04
L7	817916	flocculation precipitation aggregate aggregated flocculate precipitate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 16:04
L8	13522	softwood soft adj wood	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 16:05
L9	412077	hydrolyze hydrolysis hydrolyse hydrolysate hydrolyzed hydrolysed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 16:06
L10	531603	ethanol etoh	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 16:06

## EAST Search History

L11	3415854	distill distillation distillate still	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 16:07
L12	4380668	3 4 5 6 7 8 9 10 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 16:07
L13	8	3 4 5 6 7 8 9 10 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/07 16:09
L14	19	3 5 6 7 8 9 10 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/07 16:09
L15	27	3 5 6 7 8 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/07 16:09
L16	19	15 not 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/07 16:09
S1	64195	fermentation bioreactor	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 16:04
S2	124034	fermentation bioreactor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/21 09:58
S3	800731	flocculation precipitation aggregate aggregated flocculate precipitate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 16:04
S4	3541475	polysaccharide plant wood cellulose cellulosic waste hardwood softwood herbaceous paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/21 10:00

## EAST Search History

S5	1400814	ph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/21 10:01
S6	44	S2 with S3 with S4 with S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/21 10:01
S7	1	("4384897").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/21 10:44
S8	0	("7and(2345)").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/21 10:44
S9	1	S7 and (S2 S3 S4 S5)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/06 16:15
S10	0	brink.inv. and shaleger.inv.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 12:40
S11	2528275	temperature	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 12:40
S12	1	S7 and (S2 S3 S4 S5 S11)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 12:41
S13	859978	polymer	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/06 17:50
S14	347380	water near3 (soluble swellable)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/06 17:51
S15	73260	S13 with S14	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/06 16:34
S16	12252	soft adj wood softwood	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/06 17:50
S17	73260	S13 with S14	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/06 16:34
S18	65922	fermentation bioreactor	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/06 17:51

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S19	817294	flocculation precipitation aggregate aggregated flocculate precipitate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:52
S20	32451	S18 and S19	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/06 16:35
S21	313014	hydrolyze hydrolysis hydrolyse hydrolysate hydrolyzed hydrolysed	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/06 17:52
S22	1806	S20 S21 S15 S20 S21	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/06 16:41
S23	5	((("4384897") or ("4612286") or ("5529699") or ("5411594") or ("5366558"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 16:42
S24	63	((JONATHAN) near2 (HUGHES)). INV.	EPO; JPO; DERWENT	OR	ON	2007/06/06 17:44
S25	111	((JONATHAN) near2 (HUGHES)). INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:45
S26	7361	"111" with (S13 S14 S17 S18 S19 S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:45
S27	0	S25 with (S13 S14 S17 S18 S19 S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:53
S28	0	S25 with (S13 or S14 or S17 or S18 or S19 or S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:49
S29	2294559	polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:50
S30	13514	soft adj wood softwood	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:50

## EAST Search History

S31	13514	soft adj wood softwood	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:50
S32	523460	water near3 (soluble swellable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:51
S33	126812	fermentation bioreactor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:51
S34	126812	fermentation bioreactor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:51
S35	126812	fermentation bioreactor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:51
S36	817294	flocculation precipitation aggregate aggregated flocculate precipitate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:52
S37	411793	hydrolyze hydrolysis hydrolyse hydrolysate hydrolyzed hydrolysed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 16:05
S38	0	S25 with (S29 S30 S32 S33 S36 S37)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:54
S39	38	S25 and (S29 S30 S32 S33 S36 S37)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/06 17:54